

Amendments to the Claims:

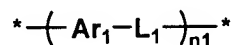
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently amended)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,

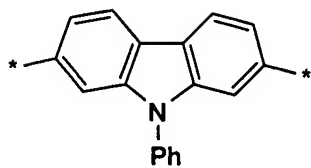
wherein one of the organic compound layer comprises a polymer having a repeat unit represented by Formula (1):

Formula (1)

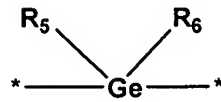
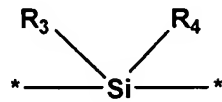
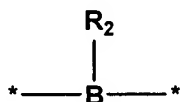
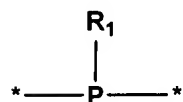
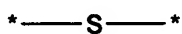
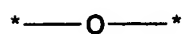


wherein Ar₁ represents ~~an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent~~ a group represented by Ar-60; and L₁ represents a linkage group selected from Group 1; and n₁ represents an integer of not less than two:

Ar-60



Group 1



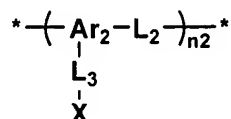
wherein $R_1 - R_6$ each independently represent an alkyl group or an aryl group, provided that R_3 and R_4 , or R_5 and R_6 may be joined to form a ring.

2. **(Original)** The organic electroluminescent element of claim 1, wherein a number of rings of Ar_1 in Formula (1) is not more than 5.

3. **(Original)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,

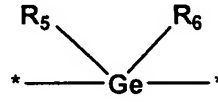
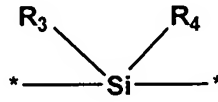
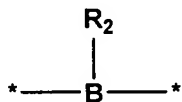
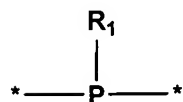
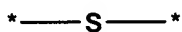
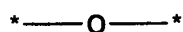
wherein one of the organic compound layer comprises a polymer having one of repeat units represented by Formula (2):

Formula (2)

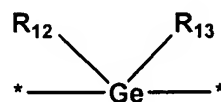
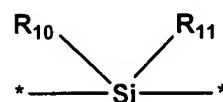
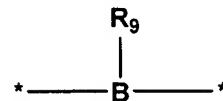
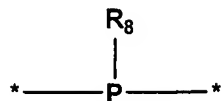
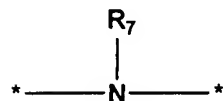
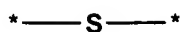
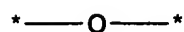


wherein Ar₂ represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; L₂ represents a linkage group selected from Group 2; and L₃ represents a single bond or a linkage group selected from Group 3; X represents one of a hole transport group, an electron transport group, a fluorescent group and a phosphorescent group; and n₂ represents an integer of not less than two:

Group 2



Group 3



wherein R₁ - R₆ each independently represent an alkyl group or an aryl group, provided that R₃ and R₄, or R₅ and R₆ may be joined to form a ring, and R₇ - R₁₃ each independently represent an alkyl group or an aryl group, provided that R₁₀ and R₁₁, or R₁₂ and R₁₃ may be joined to form a ring.

4. **(Original)** The organic electroluminescent element of claim 3, wherein a number of rings of Ar₂ in Formula (2) is not more than 5.

5. **(Original)** The organic electroluminescent element of claim 3, wherein the hole transport group includes a substructure represented by Formula (3) or Formula (4):

The chemical structure shows a fluorene core, which consists of two benzene rings fused to a central five-membered ring. The nitrogen atom (N) is located at the top of the five-membered ring and is marked with an asterisk (*). The fluorene system is substituted with eight groups, labeled R14 through R21. The substituents are positioned as follows: R14 and R15 are on the right benzene ring (positions 1 and 8); R16 and R17 are on the bottom benzene ring (positions 9 and 10); R18 is at the bottom of the five-membered ring (position 5); R19 and R20 are on the left benzene ring (positions 2 and 3); R21 is at the top of the left benzene ring (position 4).

The chemical structure shows a fluorene core, which consists of three fused benzene rings. The central ring is a five-membered ring containing a nitrogen atom (N). The two outer rings are benzene rings. There are 12 substituent groups labeled R22 through R34. The substituents are located at the following positions: R22, R23, R24, R25, and R26 are on the top benzene ring; R27, R28, R29, and R30 are on the bottom-right benzene ring; R31, R32, R33, and R34 are on the bottom-left benzene ring. The nitrogen atom is at the bridgehead position between the top and bottom-right rings.

in Formula (3), R_{14} - R_{21} each independently represent a hydrogen atom, an alkyl group or a cycloalkyl group, provided that adjacent groups of R_{14} - R_{21} may be joined to form a ring; and

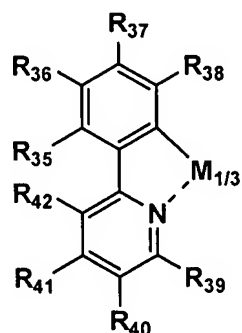
- 6 -

alkyl group or a cycloalkyl group, provided that one of $R_{31} - R_{34}$ represents a single bond, and that adjacent groups of $R_{22} - R_{34}$ may be joined to form a ring.

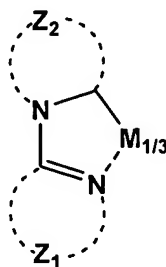
6. **(Original)** The organic electroluminescent element of claim 3, wherein the phosphorescent group comprises an organometal complex.

7. **(Original)** The organic electroluminescent element of claim 6, wherein the organometal complex comprises a substructure represented by one of Formulas (5) to (8):

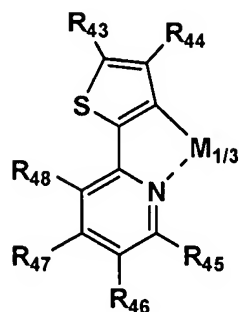
Formula (5)



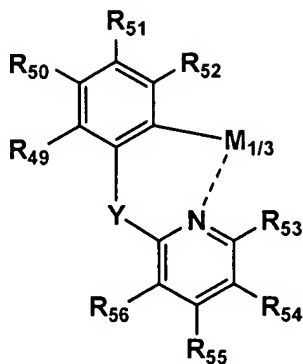
Formula (6)



Formula (7)



Formula (8)



wherein

in Formula (5), R₃₅ - R₄₂ each independently represent a hydrogen atom, a single bond or a substituent, provided that adjacent groups of R₃₅ - R₄₂ may be joined to form a ring, and M represents a metal atom;

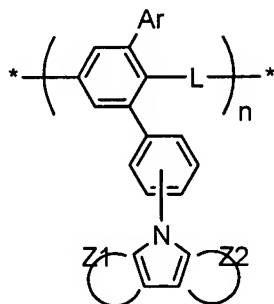
in Formula (6), Z₁ and Z₂ each independently represent a group of atoms necessary to form an aromatic ring together with a carbon atom and a nitrogen atom, and M represents a metal atom;
in Formula (7), R₄₃ - R₄₈ each independently represent a hydrogen atom, a single bond or a substituent, provided that adjacent groups of R₄₃ - R₄₈ may be joined to form a ring, and M represents a metal atom; and

in Formula (8), Y represents a divalent linkage group, R₄₉

- R₅₆ each independently represent a hydrogen atom, a single bond or a substituent, provided that adjacent groups of R₄₉ - R₅₆ may be joined to form a ring, and M represents a metal atom.

8. **(Original)** The organic electroluminescent element of claim 3, wherein one of the repeat units represented by Formula (2) is further represented by Formula (21):

Formula (21)

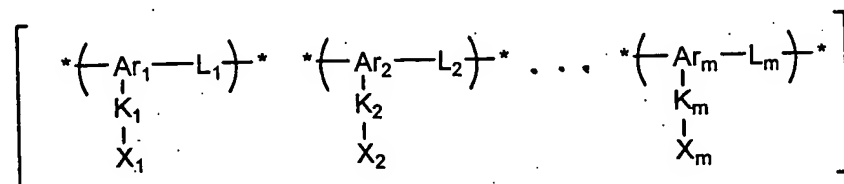


wherein Ar represents an arylene group which may have a substituent or a heteroarylene group which may have a substituent; Z₁ and Z₂ each represent a 6-membered aromatic ring comprising a group of atoms of carbon, hydrogen or nitrogen, provided that Z₁ and Z₂ may be different.

9. **(Original)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,

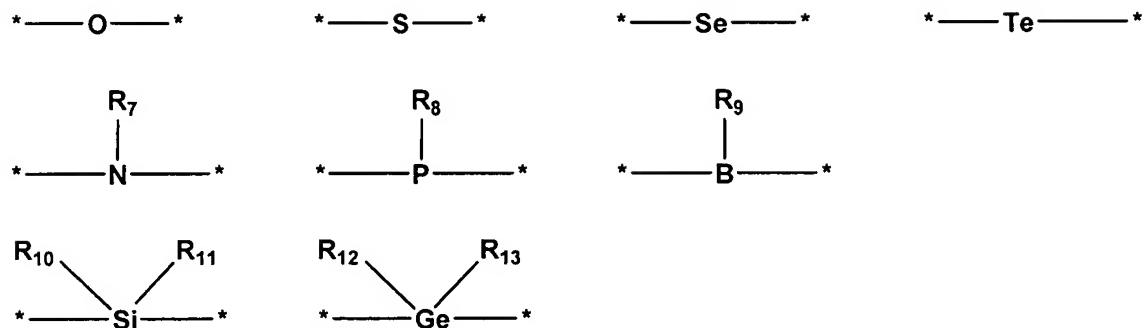
wherein one of the organic compound layer comprises a copolymer represented by Formula (22):

Formula (22)



wherein Ar₁ to Ar_m each represent an arylene group which may have a substituent or a heteroarylene group which may have a substituent; m represents an integer of not less than two; Ar₁ to Ar_m may be the same or may be different; the heteroarylene group comprises not more than two heteroatoms; K₁ to K_m each represent a single bond or a linkage group selected from Group 3; and X₁ to X_m each represent a hole transport group, an electron transport group or a phosphorescent group:

Group 3

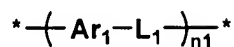


wherein $R_7 - R_{13}$ each independently represent an alkyl group or an aryl group, provided that R_{10} and R_{11} , or R_{12} and R_{13} may be joined to form a ring.

10. **(Currently amended)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,
 wherein one of the organic compound layer comprises a mixture of two or more polymers each represented by Formulas (1), (2), (21) or (22),

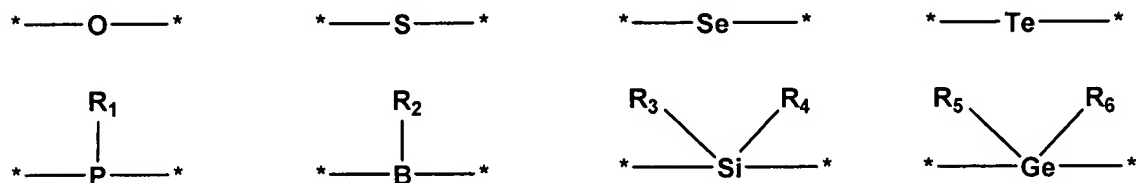
wherein the mixture comprises at least one polymer represented by Formula (2):

Formula (1)



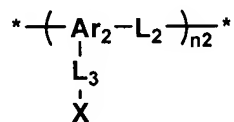
wherein Ar₁ represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; and L₁ represents a linkage group selected from Group 1; and n₁ represents an integer of not less than two:

Group 1



wherein R₁ - R₆ each independently represent an alkyl group or an aryl group, provided that R₃ and R₄, or R₅ and R₆ may be joined to form a ring,

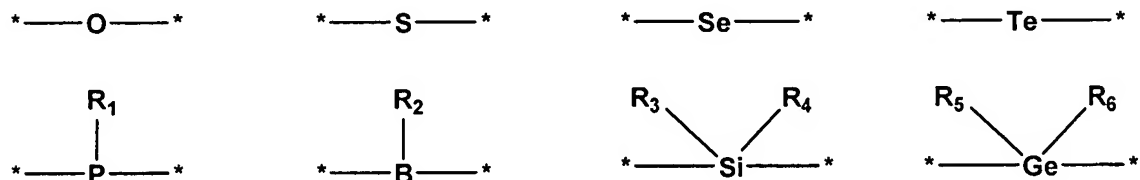
Formula (2)



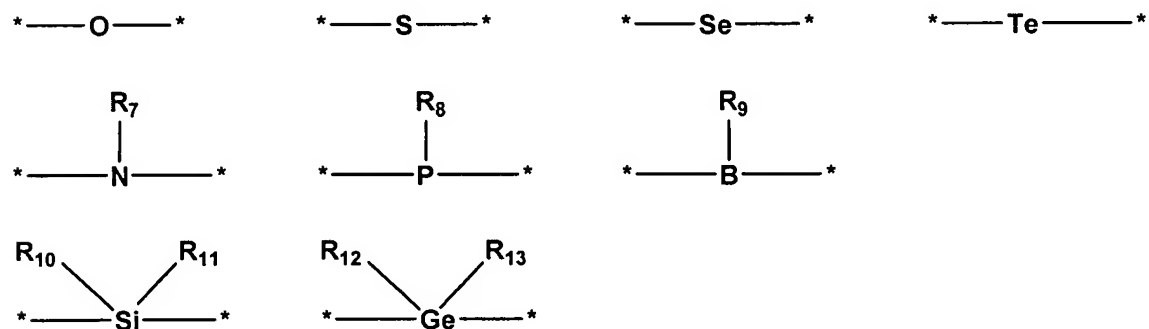
wherein Ar₂ represents an arylene group which may have a substituent or a heteroarylene group having not more than two heteroatoms, which may have a substituent; L₂ represents a

linkage group selected from Group 2; and L_3 represents a single bond or a linkage group selected from Group 3; X represents one of a hole transport group, an electron transport group, a fluorescent group and a phosphorescent group; and n_2 represents an integer of not less than two:

Group 2



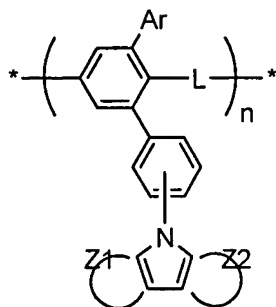
Group 3



wherein $R_1 - R_6$ each independently represent an alkyl group or an aryl group, provided that R_3 and R_4 , or R_5 and R_6 may be joined to form a ring, and $R_7 - R_{13}$ each independently represent an alkyl group or an aryl group, provided that R_{10} and R_{11} , or R_{12} and R_{13}

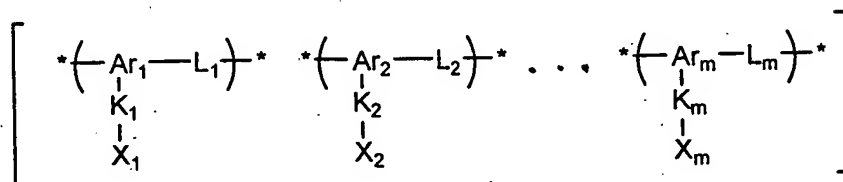
may be joined to form a ring,

Formula (21)



wherein Ar represents an arylene group which may have a substituent or a heteroarylene group which may have a substituent; Z₁ and Z₂ each represent a 6-membered aromatic ring comprising a group of atoms of carbon, hydrogen or nitrogen, provided that Z₁ and Z₂ may be different[[.]], and

Formula (22)



wherein Ar₁ to Ar_m each represent an arylene group which may have a substituent or a heteroarylene group which may have a substituent; m represents an integer of not less than two; Ar₁ to

Ar_m may be the same or may be different; the heteroarylene group comprises not more than two heteroatoms; K_1 to K_m each represent a single bond or a linkage group selected from above Group 3; and X_1 to X_m each represent a hole transport group, an electron transport group or a phosphorescent group.

11. **(Original)** The organic electroluminescent element of claim 1, wherein the organic electroluminescent element emits white light.

12. **(Original)** A display equipped with the organic electroluminescent element of claim 1.

13. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 1.

14. **(Original)** A display equipped with the illuminator of claim 13 and a liquid crystal cell as a display means.

15. **(Original)** The organic electroluminescent element of claim 3, wherein the organic electroluminescent element emits white light.

16. **(Original)** A display equipped with the organic electroluminescent element of claim 3.

17. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 3.

18. **(Original)** A display equipped with the illuminator of claim 17 and a liquid crystal cell as a display means.

19. **(Original)** The organic electroluminescent element of claim 9, wherein the organic electroluminescent element emits white light.

20. **(Original)** A display equipped with the organic electroluminescent element of claim 9.

21. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 9.

22. **(Original)** A display equipped with the illuminator of claim 21 and a liquid crystal cell as a display means.

23. **(Original)** The organic electroluminescent element of claim 10, wherein the organic electroluminescent element emits white light.

24. **(Original)** A display equipped with the organic electroluminescent element of claim 10.

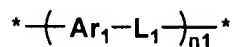
25. **(Original)** An illuminator equipped with the organic electroluminescent element of claim 10.

26. **(Original)** A display equipped with the illuminator of claim 25 and a liquid crystal cell as a display means.

27. **(New)** An organic electroluminescent element comprising a cathode and an anode having therebetween at least one organic compound layer,

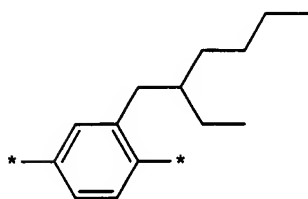
wherein one of the organic compound layer comprises a polymer having a repeat unit represented by Formula (1):

Formula (1)

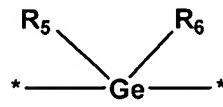
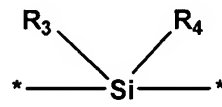
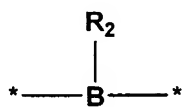
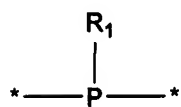
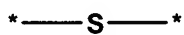
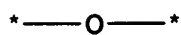


wherein Ar₁ represents a group represented by Ar-63; and
L₁ represents a linkage group selected from Group 1; and n₁
represents an integer of not less than two:

Ar-63



Group 1



wherein R₁ - R₆ each independently represent an alkyl
group or an aryl group, provided that R₃ and R₄, or R₅ and R₆ may
be joined to form a ring.